

01-28-02

UTILITY PATENT APPLICATION TRANSMITTAL

(CLAIMING BENEFIT TO PROVISIONAL APPLICATION) (New Nonprovisional Applications Under 37 CFR § 1.53(b)) Attorney Docket No. 52637-0033

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of () application identifier or (X) first named inventor, <u>Andrew STORM</u>, et al. entitled <u>ADAPTIVE ADJUSTMENT OF TIME AND FREQUENCY DOMAIN EQUALIZERS IN COMMUNICATIONS SYSTEMS</u>, for a(n):

| (X) Original Patent Application that claims the benefit of prior U.S. Provisional Application <u>60/264,369</u> , to <u>2001</u> . | filed January 25, | | | | | | | |
|--|-----------------------|--|--|--|--|--|--|--|
| Continuing Application (prior application not abandoned): () Continuation () Divisional () Continuation-in-part (CIP) of prior application No: Filed on: () A statement claiming priority under 35 USC § 120 has been added to the specification. | | | | | | | | |
| Enclosed are: (X) Specification 22 Total Pages; (X) Drawing(s) 4 Total Sheets; (X) Cover Sheet 1 Page (X) Oath or Declaration: 2 Pages (X) A Newly Executed Combined Declaration and Power of Attorney: () Signed. () Unsigned. (X) Partially Signed. () A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)). () Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference in its entirety for all purposes. () Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)). () Power of Attorney. (X) Return Receipt Postcard. () Associate Power of Attorney. (X) A Check in the amount of \$ 556.00 for the Filing Fee. () Preliminary Amendment. () Information Disclosure Statement and Form PTO-1449. () Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i) (X) A Duplicate Copy of this Form for Processing Fee. () A Certified Copy of Priority Documents (if foreign priority is claimed). (X) Applicant(s) is entitled to small entity status. See 37 CFR 1.27. (X) Statement(s) of Status as a Small Entity Filed in Prior Application, Status Still Proper and Desired. () Recordation of Assignment Cover Sheet and executed Assignment. () Other: Fee Transmittal | | | | | | | | |
| CLAIMS AS FILED FOR NO. FILED NO. EXTRA RATE FEE | | | | | | | | |
| FOR NO. FILED NO. EXTRA RATE Total Claims 36 16 \$9.00 | \$ 144.00 | | | | | | | |
| Independent Claims 4 1 \$42.00 | \$ 42.00 | | | | | | | |
| Multiple Dependent Claims (if applicable) | | | | | | | | |
| Assignment Recording Fee | | | | | | | | |
| Basic Filing Fee | | | | | | | | |
| Total Filing Fee | \$370.00 \$ 556.00 | | | | | | | |

Charge \$______ to Deposit Account ______ pursuant to 37 CFR § 1.25. Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully splm

Ву:

Edward A. Becker, Reg. No. 37,777

Date: January 24, 2002

Correspondence Address:



PATENT TRADEMARK OFFICE

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

> Commissioner for Patents Box Patent Application Washington, D.C. 20231

By: Irena Sar

Typed Name: Tirena Say

Express Mail Label No.: EL734971220US Date of Deposit: January 4, 2002 Approved for use through 09/30/2000. OMB 0651-0032
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Patent fees are subject to annual revision, Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 AND 1.28

TOTAL AMOUNT OF PAYMENT

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(\$) 556.00

| | Complete if Known | | | | | |
|---|----------------------|----------------------|--|--|--|--|
| | Application Number | Not Yet Assigned | | | | |
| | Filing Date | January 24, 2002 | | | | |
| | First Named Inventor | Andrew STORM, et al. | | | | |
| | Examiner Name | Not Yet Assigned | | | | |
| | Group/Art Unit | Not Yet Assigned | | | | |
| _ | Attorney Docket No. | 52637-0033 | | | | |

| METHOD OF PAYMENT (check one) | FEE CALCULATION (continued) | | | | | | | |
|---|-----------------------------|----------------------|------------|-------------|---|----------|--|--|
| Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed. | Large E Fee F Code § | intity : Fee § | Code — § | ntity ee | Fee Description | Fee Paid | | |
| Deposit Account Number 50-1302 | 105 | 130 | 205 | 65 | Surcharge – late filing fee or oath | - | | |
| Deposit Account Name Hickman Palermo Truong & Becker, LLP | 127 | 50 | 227 | 25 | Surcharge – late provisional filing fee or cover sheet. | | | |
| 2. X Payment Enclosed: | 139 | 130 | 139 | 130 | Non-English specification | | | |
| Check Money Other | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | | |
| 3. Applicant(s) is entitled to small entity status. | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | | |
| See 37 CFR 1.27 FEE CALCULATION | 115 | 110 | 215 | 55 | Extension for reply within first month | | | |
| | 116 | 400 | 216 | 200 | Extension for reply within second month | | | |
| 1. BASIC FILING FEE | 117 | 920 | 217 | 460 | Extension for reply within third month | | | |
| Large Entity Small Entity Fee Fee Fee Fee Description | 117 | 1,440 | 218 | 720 | Extension for reply within fourth month | | | |
| Code (\$) Code (\$) Fee Paid | | • | | | | | | |
| 101 740 201 370 Utility filing fee 370.00 | 128 | 1,960 320 | 228 219 | 980 160 | Extension for reply within fifth month Notice of Appeal | | | |
| 106 330 206 165 Design filing fee | 119 120 | 320 320 | 219 | 160 | Filing a brief in support of an appeal | | | |
| 107 510 207 255 Plant filing fee | 120 | 280 | 220 | 140 | Request for oral hearing | | | |
| 108 740 208 370 Reissue filing fee | 138 | 1.510 | 138 | 1,510 | Petition to institute a public use proceeding | | | |
| 114 160 214 80 Provisional filing fee | 140 | 110 | 240 | 55 | Petition to revive – unavoidable | | | |
| SUBTOTAL (1) (\$) 370.00 | 141 | 1,280 | 241 | 640 | Petition to revive – unintentional | | | |
| 2. EXTRA CLAIM FEES | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | | | |
| Fee from Extra Claims Below Fee Paid | 143 | 460 | 243 | 230 | Design issue fee | | | |
| Total Claims 36 -20**= 16 x 9.00 = 144.00 | 144 | 620 | 244 | 310 | Plant issue fee | <u> </u> | | |
| Independent 4 - 3**= 1 X 42.00 = 42.00 | 122 | 130 | 122 | 130 | Petitions to the Commissioner | | | |
| Multiple Dependent | 123 | 50 | 123 | 50 | Petitions related to provisional applications | | | |
| **or number previously paid, if greater; For Reissues, see below | 126 | 240 | 126 | 240 | | | | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | | |
| Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20 | 146 | 690 | 246 | 345 | | | | |
| 102 84 202 42 Independent claims in excess of 3 | 149 | 690 | 249 | 345 | | | | |
| 104 280 204 140 Multiple dependent claim, if not paid | | | | | | | | |
| 109 84 209 42 **Reissue independent claims over original patent | Other | fee (spe | cify) _ | | | | | |
| over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent | Other | fee (spe | cify) _ | | | | | |
| SUBTOTAL (2) (\$) 186.00 | *Redu | ced by E | Basic Fili | ng Fee | Paid SUBTOTAL (3) (\$) 0.00 | | | |
| SUBMITTED BY | | | | | Complete (if applicable) | | | |
| Name (Print/Type) Edward A Regard Registration No. 37.777 Telephone (408) 414-1080 | | | | | | | | |

Signature WARNING:

Information on this form may become public. Credit card information should not be Included on this form. Provide credit card information and authorization on PTO-2038.

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January 4, 2002